

PAC00 Telephone Follow-Up to Intercept Survey Instrument (Long Form): Justification

The justification for each Question in the survey is provided below. For each Question the subset of respondents that will be asked the given question is indicated in the following manner. Questions asked of all respondents are denoted with the abbreviation AR, OR denotes questions asked of those anglers that have participated in overnight fishing trips, and BO denotes questions asked of respondents who own a boat.. Anglers were asked during the intercept if they were on an overnight or one day trip. The first ten questions were administered to overnight trippers only.

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| Question 1 | OR – Number of nights away from home is asked so that trips of anglers on mutli-day trips can be characterized. |
| Question 2 | OR – Number of days spent fishing on trip is asked so that trip expenditures can be apportioned into fishing expenditures.
Skip justification: if the answer here is equal to the response to Q1, Q3 is skipped for lack of relevance. |
| Question 3 | OR – The number of days spent fishing while on an overnight stay will be used to calculate the portion of total lodging costs that may be allocated to fishing. Even though fishing may be the primary purpose for making a trip, only those expenses directly related to fishing may be appropriately attributable to fishing. Thus, if an individual fishes on 2 days of a 5 day trip only those expenses associated with the two days spent fishing may be allocated to fishing. |
| Question 4 | OR – To characterize the nature of the overnight trip the angler is asked if fishing was the primary reason for the overnight trip. |
| Question 5 | OR – The number of people traveling together allows the calculation of individual expenditures.
Skip justification: if the response is “1” then questions regarding group dynamics are skipped (Q5 and Q6). |
| Question 6 | OR – Number in group that actually went fishing allows the apportionment of group expenditures to fishing related expenditures. |
| Question 7 | OR – Number of people sharing expenses helps to apportion individual expenditures. |
| Question 8 | OR - Expenditure data drives the analysis of economic impacts. This question gathers information regarding direct individual trip expenditures on lodging, food, drink, refreshments, public transportation, equipment rental, parking or access fees, bait, ice, boat fuel (if private boat or rental boat mode), and passenger fees (if charter or party boat mode).
Skip justification: if angler reports any positive amount in Q8 go to Q9 otherwise skip to Q10. Also, if county of intercept equals county of residence, skip to Q10. Also if county of residence and county of intercept are in the same state, ask Q9a and Q9b, but skip Q9c. Otherwise, ask all three parts of Q9. |
| Question 9a | OR – Percentage of expenditures made in the county of intercept helps allocate expenditure regionally which is very helpful in economic impact modeling. |
| Question 9b | OR - Percentage of expenditures made in the state of intercept helps allocate expenditure regionally which is very helpful in economic impact modeling. |

Question 9c	OR - Percentage of expenditures made outside the state of intercept helps allocate expenditure regionally which is very helpful in economic impact modeling.
Question 10	AR – Foregone income is an important component of the opportunity cost of the angler’s time, and the angler was asked whether or not income was foregone. SKIP JUSTIFICATION: If no income was foregone, i.e. paid vacation, weekend, etc, skip to Q13.
Question 11	AR –Weekly hours worked is a component of opportunity cost of time.
Question 12	AR - Total annual household income will be used to develop angler profiles for the Regions. Also, income is an explanatory variable used in the estimation of economic valuation models. Thus, income will be used in estimation of saltwater recreational fishing values in each Region.
Question 13	AR – Asking anglers what type of license they buy can help create angler profiles.
Question 14	AR - Expenditure data drives the analysis of economic impacts. This question gathers information regarding direct expenditures on rods and reels, tackle, and gear annually Skip justification: if angler reports any positive amount in Q14 go to Q15 otherwise skip to Q16.
Question 15a	AR – Percentage of expenditures made in the county of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
Question 15b	AR - Percentage of expenditures made in the state of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
Question 15c	AR - Percentage of expenditures made outside the state of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
Question 16	AR - Boat ownership may influence attitudes toward fishing and may affect the type of trip, species targeting behavior, and fishing site selection. Boat ownership will be incorporated into the economic valuation model. SKIP JUSTIFICATION: If respondent does not own a boat, additional boat information is unnecessary. In this case skip to Q21.
Question 17	BO – Percentage of time boat was used for saltwater fishing annually is used to apportion boat expenses to saltwater fishing.
Question 18	BO - The length of the boat used for fishing will be used to provide descriptive information about the regional recreational fishing fleets. Additionally, boat characteristics such as length may influence species targeting behavior and site selection.
Question 19	BO - Expenditure data drives the analysis of economic impacts. This question gathers information regarding direct annual expenditures on boat expenses like boat purchase/loan payments, boat accessories, and mooring or storage. Skip justification: if angler reports any positive amount in Q18 go to Q20 otherwise skip to Q21.
Question 20a	BO – Percentage of expenditures made in the county of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
Question 20b	BO - Percentage of expenditures made in the state of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.

- Question 20c BO - Percentage of expenditures made outside the state of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
- Question 21 AR - Expenditure data drives the analysis of economic impacts. This question gathers information regarding direct annual expenditures on other related fishing gear like camping equipment, binoculars, clothing, magazines, or club dues.
Skip justification: if angler reports any positive amount in Q21 go to Q22 otherwise skip to Q23.
- Question 22a AR – Percentage of expenditures made in the county of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
- Question 22b AR - Percentage of expenditures made in the state of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
- Question 22c AR - Percentage of expenditures made outside the state of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
- Question 23 AR - Expenditure data drives the analysis of economic impacts. This question gathers information regarding direct annual expenditures on vehicles or vacation homes used primarily for saltwater fishing.
Skip justification: if angler reports any positive amount in Q23 go to Q24 otherwise skip to Q25.
- Question 24a AR – Percentage of expenditures made in the county of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
- Question 24b AR - Percentage of expenditures made in the state of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
- Question 24c AR - Percentage of expenditures made outside the state of residence helps allocate expenditure regionally which is very helpful in economic impact modeling.
- Question 25 AR – This set of contingent behavior questions seeks to determine how anglers would substitute away from recreational saltwater angling if they decided to quit spending money in the county of intercept.
- Question 26 AR - The number of years a respondent has been saltwater recreational fishing will be used to characterize anglers. Years of experience may be treated as a measure of avidity and used in modeling the economic value of saltwater recreational fishing. Years of fishing experience may also be correlated with attitudes toward fishing and a variety of other characteristics such as boat ownership and investment in fishing equipment.
- Question 27 AR - Total annual household income will be used to develop angler profiles for the Regions. Also, income is an explanatory variable used in the estimation of economic valuation models. Thus, income will be used in estimation of saltwater recreational fishing values in each Region.